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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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J. Meyer
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Applicant: Richard W. Gross, et al.
Serial No.: 09/618,623
Filed: July 18, 2000
For: Calcium Independent
Phospholipase A₂ Polynucleotides
and Polypeptides And Methods
Therefor

Art Unit: 1652
Examiner: Y.D. Pak

CERTIFICATE OF MAILING

I certify that this correspondence is being deposited with the United States Postal Service as Express Mail, "Post Office to Addressee" Label No. EL 817718035 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on November 4, 2002.

Gordon F. Sieckmann
Reg. No. 28,667

AMENDMENT

Hon. Assistant Commissioner for Patents
Washington, D.C. 20231

In response to the Office Action dated May 3, 2002, please amend the above-identified patent application as follows:

IN THE SPECIFICATION

Replace the 2nd full paragraph on page 4 with the following paragraph.

→ Thus, in one embodiment, the invention is directed to an isolated nucleic acid molecule comprising a set of iPLA_{2γ} polynucleotides. In one aspect of this embodiment, the iPLA_{2γ} polynucleotides encode an iPLA_{2γ} polypeptide. The iPLA_{2γ} polypeptide catalyzes cleavage of fatty acids from the *sn*-2-position of phospholipids. One preferred sequence of the iPLA_{2γ} polypeptide is set forth in SEQ ID NO: 1, which represents the amino acid sequences corresponding to alternative splice variants of iPLA_{2γ}. Splice variants, identified herein as gamma 1 and gamma 2,